

Converting Colors

Hex(B1F7B4)

Have a look what the booklet for
Hex(B1F7B4) contains.

Hex(B1F7B4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1F7B4)

Conversions

Conversions Part 1

Format	Color
Hex	B1F7B4
RGB	177, 247, 180
RGB Percent	69%, 97%, 71%
CMY	0.3059, 0.0314, 0.2941
CMYK	0.28, 0.00, 0.27, 0.03
HSL	123°, 81%, 83%
HSV	123°, 28%, 97%
XYZ	59.6304, 79.1639, 55.3173
YIQ	218.4320, -20.2130, -35.6770

Conversions

Conversions Part 2

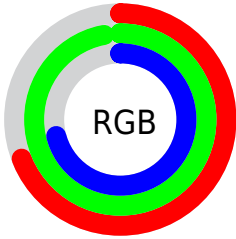
Format	Color
RYB	177, 244, 247
Decimal	11663284
CIELab	91.31, -34.50, 25.43
CIElCh	91, 42.859, 143.609
Yxy	79.1639, 0.3072, 0.4078
Android (android.graphics.Color)	4289853364 (0xFFB1F7B4)
YUV	218.4320, -18.9470, -36.3359
Hunter-Lab	88.9741, -36.0740, 25.4199

Details

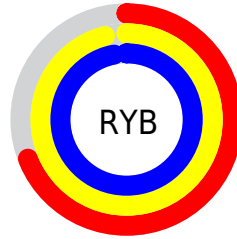
The Hex color **B1F7B4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F7B1F4**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **EAF FEC**, and **7ABE7F** is the 20% darker color. If you saturate the color by 10%, you get **98F79C**, and if you desaturate by 10%, it is **CAF7CC**.

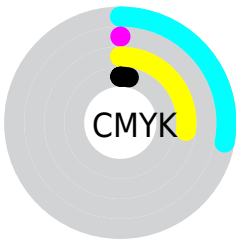
Distribution



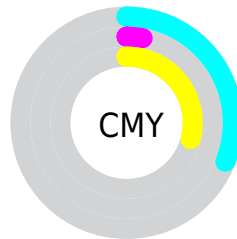
- Red (69%)
- Green (97%)
- Blue (71%)



- Red (69%)
- Yellow (96%)
- Blue (97%)



- Cyan (28%)
- Magenta (0%)
- Yellow (27%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1F7B4 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B1F7B4 by changing the saturation by 10% instead.

 B1F7B4

 B1F7B4

FFFFFF

 95DA99

 EAFFEC

 7ABE7F

 60A365

 46884D

 2B6F36

 0C561F

 003E08

 002800

 000900

 B1F7B4

 B1F7B4

 98F79C

 CAF7CC

 80F785

 E2F7E3

 67F76D

 FBF7FB

 4EF755

 FFF7FF

 36F73E

 1DF726

 04F70F

 00F70B

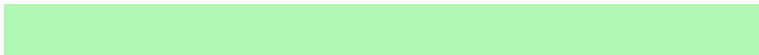
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E1EE9A



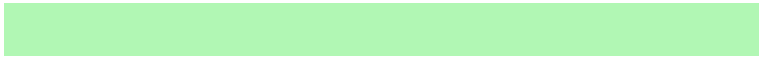
B1F7B4



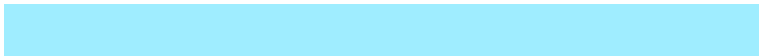
7FFCDC

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B1F7B4



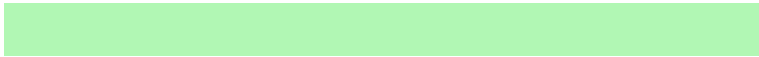
9FEDFF



FFC8C7

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B1F7B4



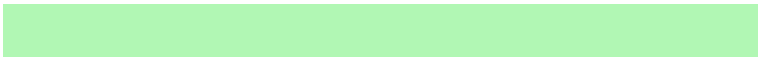
F7B1F4

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC7F1



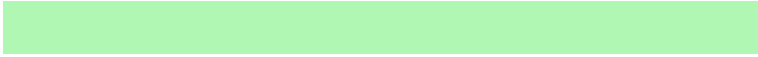
B1F7B4



DFDFFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1F7B4



62F7FF



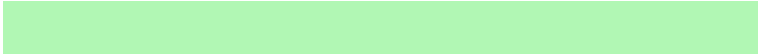
FFD0FF



FFD3A5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B1F7B4



60FCF8



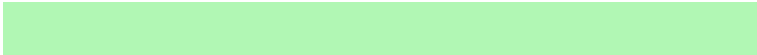
FFD0FF



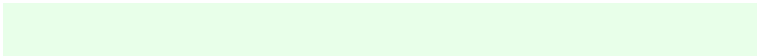
FFC7D5

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B1F7B4



E8FFE9



F5F7B1



718072



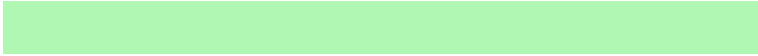
000000



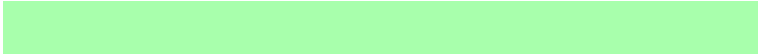
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1F7B4



A8FFAC



B1F7D6



6E7A6F



00BA08



003B03

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F7B1F4



FFA8FB



F7B1D2



7A6E7A



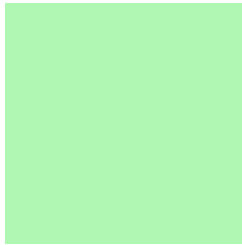
BA00B2



3B0038

Previews

White Background



This preview shows how the Hex color B1F7B4 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B1F7B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

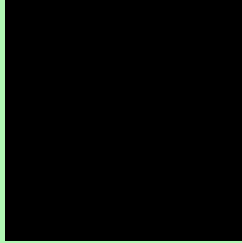
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B1F7B4 Background



This preview shows how black text looks on a background with the Hex color B1F7B4.

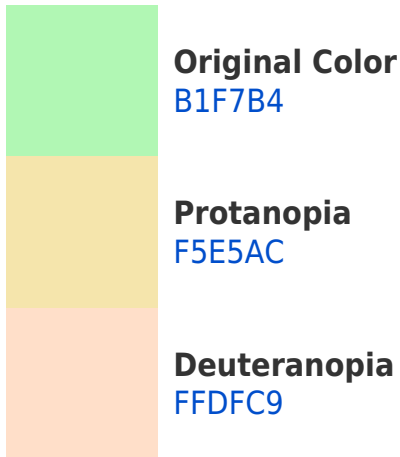


This preview shows how white text looks on a background with the Hex color B1F7B4.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

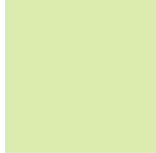
Dichromacy



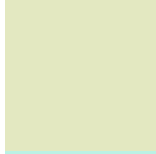
Trichromacy



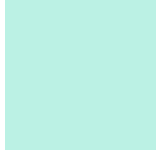
Original Color
B1F7B4



Protanomaly
DCECAF



Deuteranomaly
E3E8C1

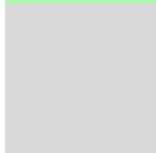


Tritanomaly
BBF1E4

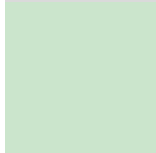
Monochromacy



Original Color
B1F7B4



Achromatopsia
DADADA



Achromatomaly
CBE5CC

CSS Examples

Text

The CSS property to change the color of the text to Hex B1F7B4 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B1F7B4 looks like.

```
.text, #text, p{  
    color:#B1F7B4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B1F7B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1F7B4
}
```

Border

The CSS property to change the border of an element to Hex B1F7B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1F7B4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B1F7B4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B1F7B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1F7B4; -webkit-box-shadow:4px 4px  
4px 4px #B1F7B4; box-shadow:4px 4px 4px  
4px #B1F7B4 }
```

Background

The CSS property to change the background color of an element to Hex B1F7B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1F7B4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B1F7B4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor